

Fig. 1 (a)

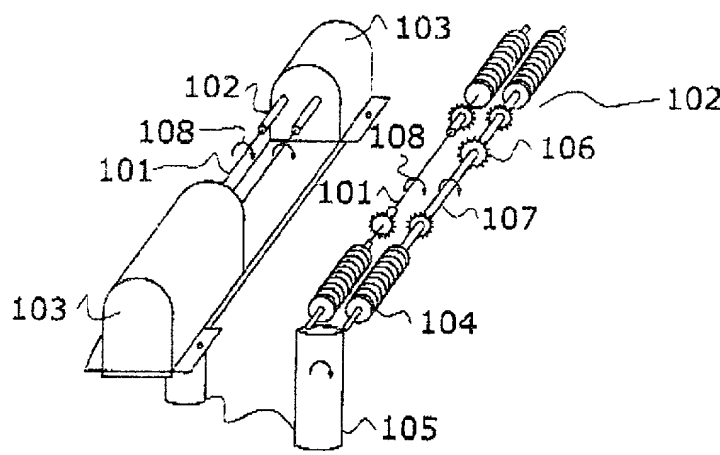
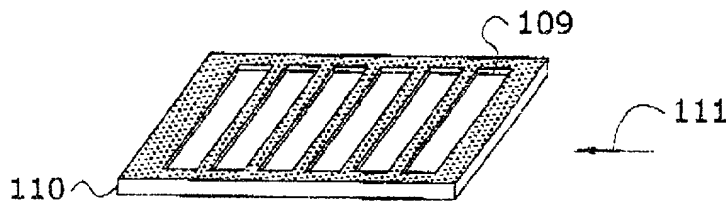
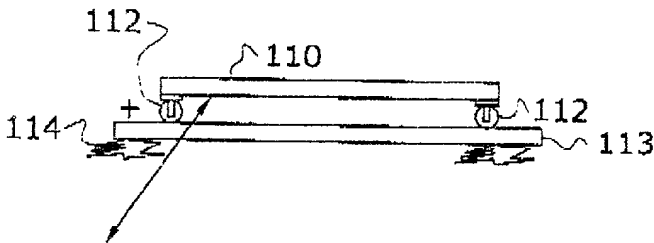


Fig. 1 (b)

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Fig. 2

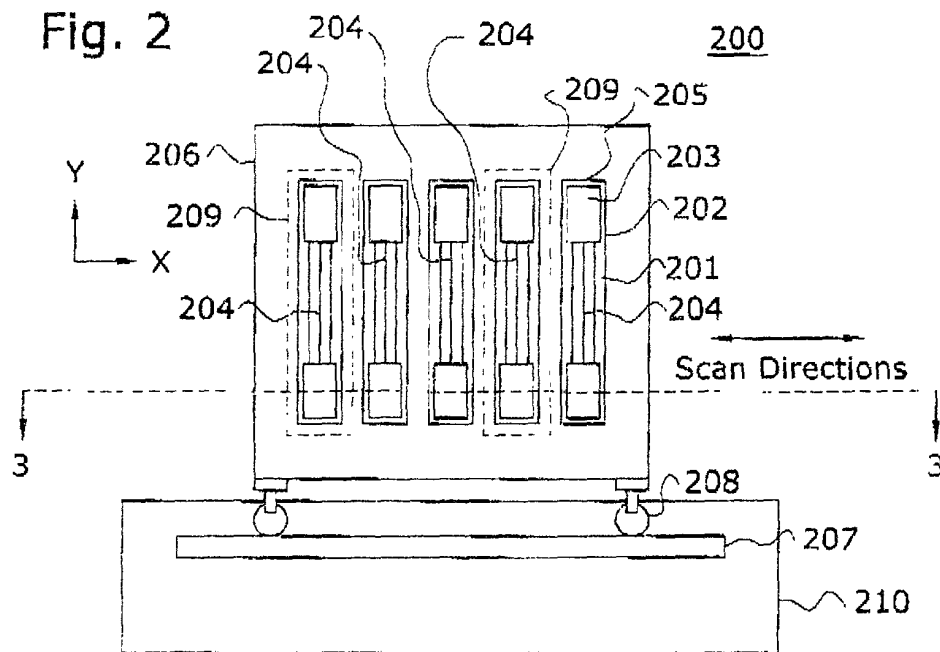
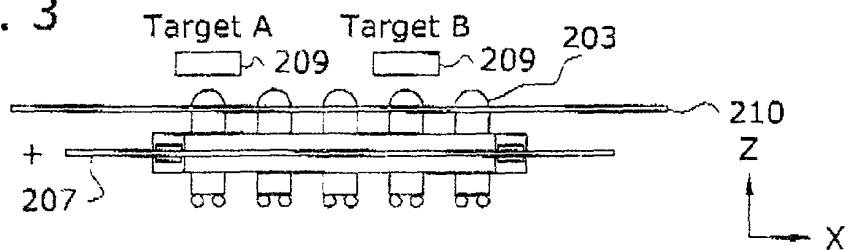
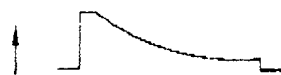


Fig. 3



Film Thickness



Electrical Power

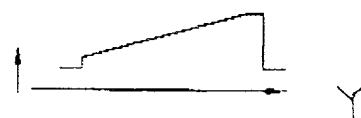


Fig. 4

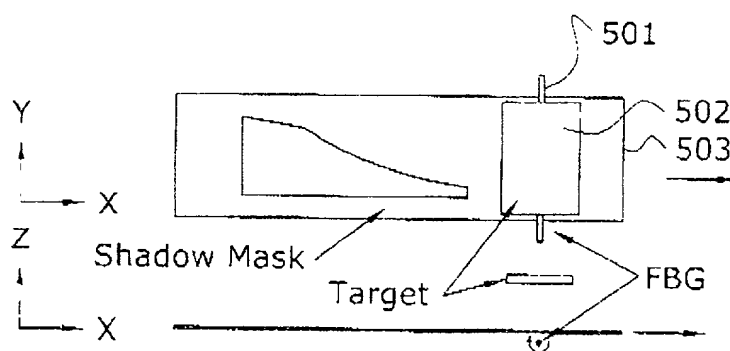


Fig. 5

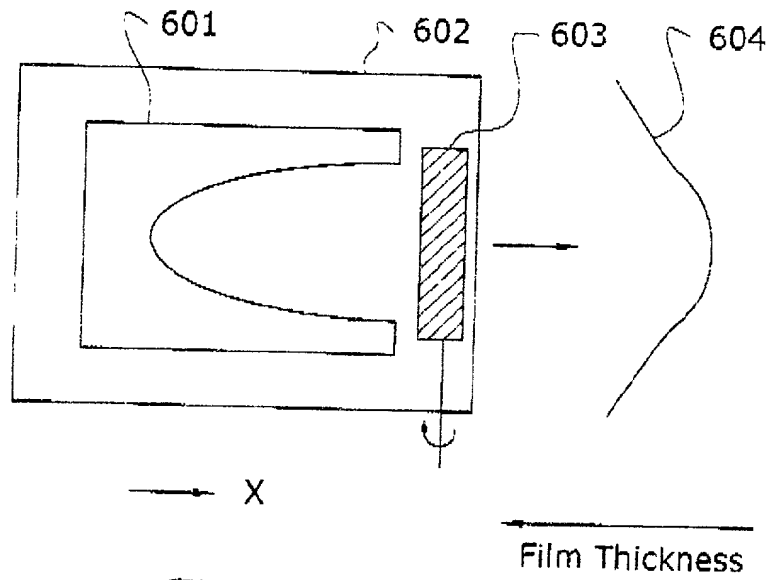


Fig. 6

	Bulk Resistivity* ($\mu\Omega \cdot \text{cm}$)	Thin Film $\Delta R/R/(^{\circ}\text{C})$		Bulk $\Delta R/R/(^{\circ}\text{C})$	$\text{TCR}_{\text{TF}} / \text{TCR}_{\text{bulk}}$
		Low	High		
Pt	10.6	0.0016	0.0028	0.00339	0.82
Cr	12.7	0.0001	0.0006	0.00588	0.10
Ni	7	0.0030	0.0050	0.00684	0.78
Ta	13	<0.0001	<0.0001	0.0031	0.03

Fig. 7

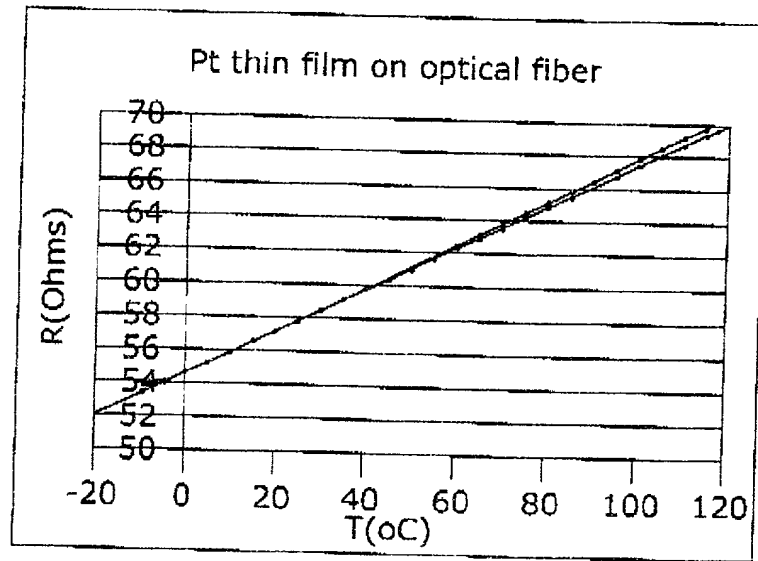


Fig. 8

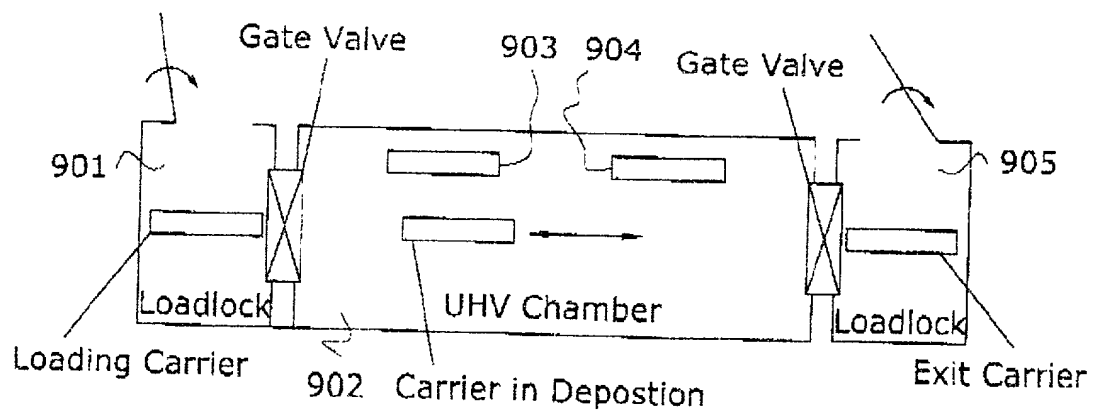


Fig. 9

